

## ABSTRACT

2 A server/client media file distribution system is provided in which the server  
3 system is adapted to receive transmission requests from clients, status information from a  
4 network, and protocol information from each client. The server, based upon this  
5 information, adaptively transmits a given media file stored therein to one or more clients  
6 using the optimal transmission speed and/or network protocol based on the network status  
7 information and protocol information. Additionally, the present invention provides a  
8 looping file arrangement in which a plurality of clients can receive the same media file on  
9 multiple network channels, without the need to provide multiple copies of the same  
10 media file for each request of that file.